

WHAT IS CLAIMED IS:

1. A portable personal server device comprising:

A local server means for processing data between itself and a communication terminal equipped with a network connection means;

A network server means for processing data between itself and a network connected to the communication terminal by said communication terminal's network connection function;

An individual authentication means for authenticating an individual based on biological information; and

A control means that makes said local server means and said network means useable only when authenticated by said individual authentication means.

2. A portable personal server device according to claim 1, wherein said individual authentication means is equipped with a biological information recognition device such as a fingerprint sensor, etc., and authenticates an individual according to whether or not biological information read by the biological information recognition device matches registered biological information that was previously registered.

3. A portable personal server device according to claim 2, wherein it comprises a data encryption means for encrypting stored data using said read biological information.

4. A portable personal server device according to claim 2, wherein it comprises a communication encryption means that, when said read biological information matches said registered biological information, generates and retains a key used in a public key encryption system based on said read biological information, and encrypts the data to be sent using the key.

5. A portable personal server device according to any of claims 1 through 4, wherein it comprises a communication cable for connecting to said communication terminal, and it receives power from said communication terminal via said communication cable.

6. A portable personal server device according to claim 5, wherein said communication cable is USB.